

RECEIVED  
CENTRAL FAX CENTER

001/004

DEC 04 2006

FAX COVER SHEET

**PLEASE CONFIRM RECEIPT OF THIS FACSIMILE**

Attention: MAIL STOP AMENDMENT

Fax: (571) 273-8300

Group Art Unit: 2811

Examiner: PATEL, Jayanti K.

UNITED STATES PATENT AND TRADEMARK OFFICE

Phone: (571) 273-2988

Pages: Cover + 2 + 1 = 4

Date: December 4, 2006

From: Georgann S. Grunebach  
Reg. No. 33,179Fax: (310) 964-0941  
Phone: (310) 964-4615

The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received the facsimile in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.

## Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on December 4, 2006.

Date: December 4, 2006

  
Georgann S. Grunebach, Reg. No. 33,179

Re: Serial No. 10/693,135

Filed: October 24, 2003

Inventors: Ernest C. Chen

For: LAYERED MODULATION FOR TERRESTRIAL ATSC APPLICATIONS

Attorney Docket No.: PD-201062

Transmitted herewith: INFORMATION DISCLOSURE STATEMENT (2 pages)  
FORM PTO 1449 (1 page)

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

RECEIVED  
CENTRAL FAX CENTER

DEC 04 2006

Patent  
PD-201062  
Customer No. 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 10/693,135  
Filed: October 24, 2003For: LAYERED MODULATION FOR  
TERRESTRIAL ATSC  
APPLICATIONSGroup Art Unit: 2611  
Examiner: PATEL, Jayanti K.: I hereby certify that this correspondence is  
: being facsimile transmitted to (571) 273-8300  
: (Centralized Facsimile Number) and  
: addressed to:: Mail Stop Amendment, Commissioner for  
: Patents, P. O. Box 1450, Alexandria, VA  
: 22313-1450, on the date below:  
Georgann S. Grunebach

: Typed or printed name of person signing certificate

: Date: December 4, 2006

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 (b)**Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

This statement should be considered because it is submitted before the mailing of a first Office action on the merits under 37 C.F.R. § 1.97 (b) and therefore it is believed that no fee is due with this submission. If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Serial No. 10/693,135.....Page 2

Respectfully submitted,

By:   
Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.  
CA/LA1/A109  
P. O. Box 956  
El Segundo, CA 90245

Telephone No. (310) 964-4615

**BEST AVAILABLE COPY**

Substitute for form PTO/SB/08A  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Complete if Known</b>	
	Application Number	10/693,135
	Filing Date	October 24, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2611
	Examiner Name	PATEL, Jayanti K.
Date:	December 4, 2006	
Sheet 1 of 1	Attorney Docket Number	PD-201062

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,369,648	04-2002	Kirkman, George F.	
		US-6,477,398	11-2002	Mills, Randell L.	
		US-3,076,180	01-1963	Havens et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.